

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/023120

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01V1/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DRAGOSET W H ET AL: "Some remarks on surface multiple attenuation" GEOPHYSICS SOC. EXPLORATION GEOPHYSICISTS USA, vol. 63, no. 2, April 1998 (1998-04), pages 772-789, XP002314826 ISSN: 0016-8033 page 777, left-hand column, line 16 - line 26 page 778, left-hand column, line 46 - right-hand column, line 22 page 778, right-hand column, line 36 - line 46</p>	22, 23
A	----- -----	1-21, 24-27

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

25 January 2005

Date of mailing of the international search report

17/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 887 243 A (PANN ET AL) 12 December 1989 (1989-12-12) column 5, line 48 – line 66 -----	1,12
A	US 6 169 959 B1 (DRAGOSET JR. WILLIAM HENRY) 2 January 2001 (2001-01-02) -----	
A	US 5 430 689 A (RIGSBY ET AL) 4 July 1995 (1995-07-04) -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.
PCT/US2004/023120

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4887243	A	12-12-1989	EP NO	0112715 A2 834762 A	04-07-1984 28-06-1984
US 6169959	B1	02-01-2001	AU CA FR GB	3637300 A 2308775 A1 2794249 A1 2350427 A	30-11-2000 27-11-2000 01-12-2000 29-11-2000
US 5430689	A	04-07-1995		NONE	

